06/12-13

(18)

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

KODIGEHALLI SUB DIVISOIN

Name of the Work : **Improvements and Asphlting roads and Drains at Defence Enclave Mariyanna Palya in ward No. 07, Kodigehalli Sub Division.**

Estimate Cost : **5.00 Lakhs**

Job Code **007-12-000080**

ತಾಂತ್ರಿಕ ವರದಿ

ವಿಷಯ:– Improvements and Asphlting roads and Drains at Defence Enclave Mariyanna Palya in ward No. 07, Kodigehalli Sub Division.

ಅಂದಾಜು ಮೊತ್ತ:– 5.00 ಲಕ್ಷಗಳು, ಜಾಬ್ ನಂ: 007–12–000080 P2434

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ಬ್ಯಾಟರಾಯನಪುರ ವ್ಯಾಪ್ತಿಗೆ ಸೇರಿದ ಮರಿಯಣ್ಣಪಾಳ್ಯ ರಸ್ತೆಯು ಹಾಲಿ ಜಲ್ಲಿರಸ್ತೆಯಾಗಿದ್ದು, ಈ ರಸ್ತೆಗೆ ಡಾಂಬರೀಕರಣ ಮಾಡಲು ಮಾನ್ಯ ಸ್ಥಳೀಯ ಶಾಸಕರ ಪ್ರದೇಶಾಭಿವೃದ್ಧಿ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಅನುದಾನ ನಿಗಧಿಪಡಿಸಿ ಜಾಬ್ ನಂ. ಪಡೆಯಲಾಗಿರುತ್ತದೆ. ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ 2012–13ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯ ದರಪಟ್ಟಿಯ ಆಧಾರದ ಮೇಲೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಕ್ರಮವಾಗಿ

1. ರಸ್ತೆಯ ಬದಿಯಲ್ಲಿರುವ ಚರಂಡಿ ಕಲ್ಲುಗಳನ್ನು ತೆಗೆಯುವುದು
2. ತೆಗೆದ ಕಲ್ಲುಗಳನ್ನು ಮರುಜೋಡಣೆ ಮಾಡುವುದು
3. ವ್ಯತ್ಯಸವಾದ ಕಲ್ಲುಗಳನ್ನು ಹೊಸದಾಗಿ ಜೋಡಿಸುವುದು
4. ರಸ್ತೆಯನ್ನು ಸಮದಟ್ಟು ಮಾಡುವುದು
5. ಜಲ್ಲಿ ಪದರದ ಮೇಲೆ ವೆಟ್‌ಮಿಕ್ಸ್ ಹಾಕುವುದು
6. ಡಾಂಬರೀಕರಣ ಮಾಡುವುದು

ಈ ಮೇಲಿನ ಅಂಶಗಳಂತೆ ಅಂದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ 2012–13ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ದರ ಪಟ್ಟಿಯ ಆಧಾರದ ಮೇಲೆ ರೂ. 5.00 ಲಕ್ಷಗಳಿಗೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಲಾಗಿದ್ದು, ಈ ಅಂದಾಜು ಪಟ್ಟಿಯ ಮಂಜೂರಾತಿ, ಆಡಳಿತ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿಯನ್ನು ಕೋರಿ ಕಡತವನ್ನು ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸಿದೆ.

ಕಿರಿಯ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 7

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Improvements and Asphlting roads and Drains at Defence Enclave Mariyanna Palya in ward No. 07, Kodigehalli Sub Division.

	Job No. 007-12-000080								
	Budget Head: P2434	Development works for Bangalore City							
		Estimate Cost Rs.							**500000.00**
Sl No	**Description of item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	KSRRB M300-2: Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw up to 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3. (P.No.150, I.No.19.1 of PW,P&IWTD S.R 2012-13)	Cum							
	For Drain		1	230.00	0.45	0.20	**20.70**	58.32	**1207.00**
	Basic Rate Rs.	54.00							
	Add 8% A.W Rs.	4.32							
	Total Rate Rs.	**58.32**							
2	Removing B.S Slab of Drain and stacking Page No. 28/ Item No. 5.32/ PWD SR 2012-13	Sqm							
	Drain		1	230.00	1.35		310.50		
	Covering Slab		1	230.00	1.65		379.50		
							690.00	**44.47**	**30687.00**
	Basic Rate	41.18							
	Area Weightage @ 8%	3.29							
	Total	**44.47**							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 24/ Item No. 5.33/ PWD SR 2012-13	Sqm							
	Drain		Qnt Vaid 70%				217.35		
	Covering Slab		Qnt Vaid 70%				**265.65**		
							483.00	63.00	30427.00
	Basic Rate	58.33							
	Area Weightage @ 8%	4.67							
	Total	**63.00**							
4	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. (P. 167, Item No. 20.18) SR 2012-13	**Cum**							
	Road		1	230.00	5.10	0.10	117.30		
							117.30	**1059.48**	**124277.00**
	Basic Rate Rs.	981.00							
	Add 8% A.W Rs.	78.48							
	Total Rate Rs.	**1059.48**							
5	KSRRB M500-6. Providing and applying **primer coat** with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 171, Item No. 21.6) SR 2012-13	**Sqm**							
	Road		1	230.00	5.10		1173.00		
							1173.00	39.64	46493.00
	Basic Rate Rs.	36.70							
	Add 8% A.W Rs.	2.94							
	Total Rate Rs.	**39.64**							

6	KSRRB M500-18. Providing and laying **semi dense bituminous** concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. with 80/100 grade bitumen using 40-60 HMP using mechanical paver (P. 175, Item No. 21.20.5)						Cum		
	Road		1	230.00	5.10	0.025	29.33		
							29.33	8992.08	263693.00
	Basic Rate Rs.	8326.00							
	Add 8% A.W Rs.	666.08							
	Total Rate Rs.	**8992.08**							
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 5.00 Km (Page No.141)	Cum							
			Qty. Vide Item No. 1				**20.70**		
							20.70	81.00	**1677.00**
	Basic Ratefor haulage of materials as per item	12.80							
	Average weight of earth 1.28 tonne/Kg for	62.20							
	Add loading and unloading vide item No. 17.1	**75.00**							
	Area Weightage @ 8%	6.00							
	Total	**81.00**							
21	Miscesallaneous Charges	L/S							**1539.00**
								Total	500000.00

(Rupees Five Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2012-13.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Junior Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 5 Lakh
Rupees Five Lakhs only
Under P2434 Development Works for Bangalore City
Registered as EE ( ) No 3 9
Subject to conditions contained in enclosed memo EE ( ) No S46 /2012-13
Dt 10.09.2012 Estimate A/Sanctioned
JC(Yel) Ala No S46/2012-13
dated 10.9.2012 Rs 5 Lakh

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.
10/9/12

Technical Sanction for Rs. 5.00 lakh
Five lakh only
P-2434 Development Works in Bangalore City
registered as EE No: 213 / Subject to conditions contained enclosed memo.
No: 213/12-13 / Dr. 10-9-12

AE/JE

EE (BTP. Div.)
10/9/2012